

FIGURE 1

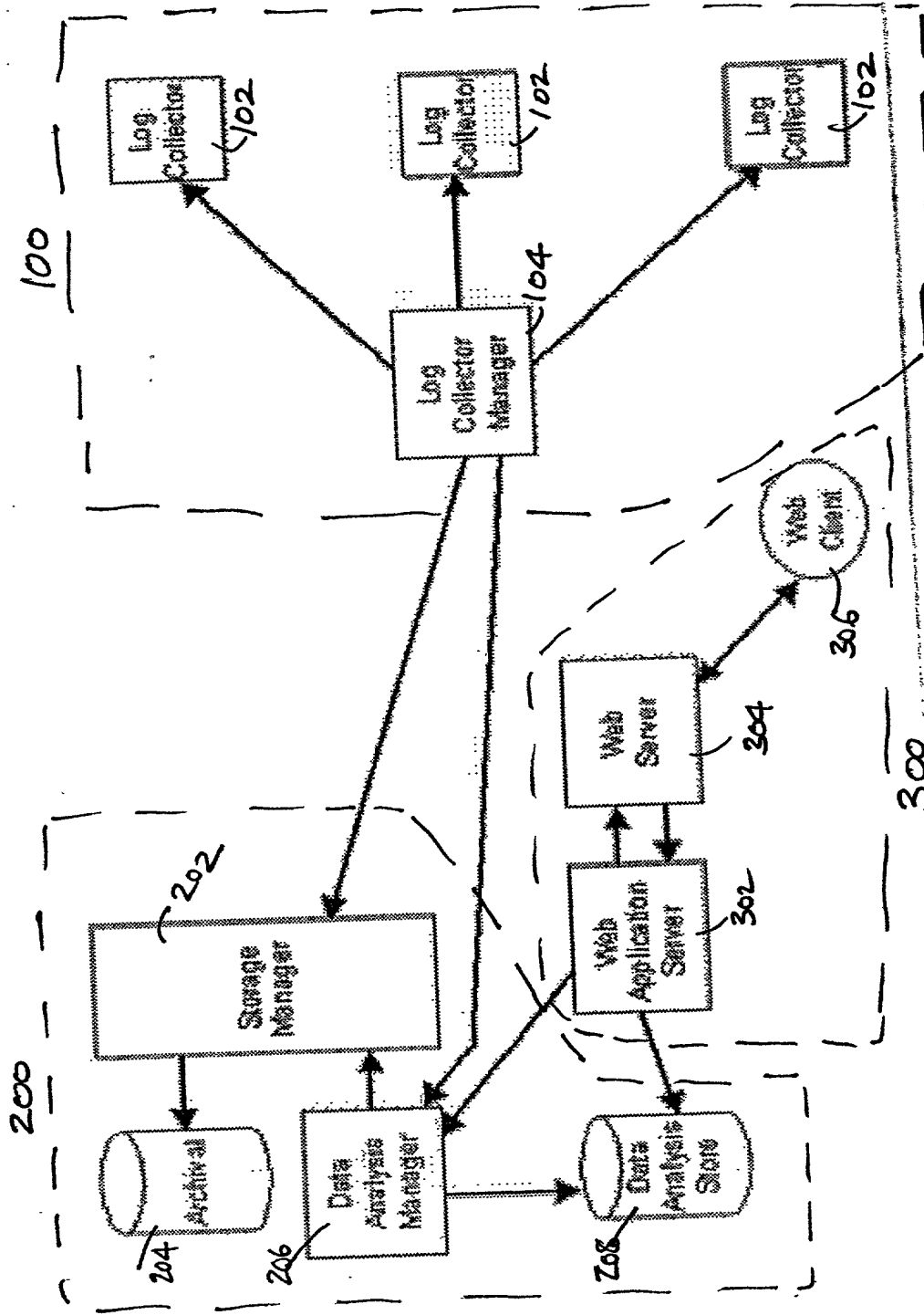



FIGURE 2.



LOG REPORTING

Login ID:

Password:


FIGURE 3

This is the main screen

Although all the tabs appear on this screen, each individual will only get a subset of these tabs based on the roles assigned to their user id

Initially none of the tabs are selected

Once a tab has been selected the menu gets replaced with the content of the tab that has been selected for that particular user



Main Results	Configure Filters	Job Status	Logs Archived	Admin
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MAIN MENU

Select tab of choice

FIGURE 4

This is the Main Results screen

Although all the tabs appear in this example, each individual will only get a subset of these tabs based on the status and group to their control

Initially none of the tabs are selected

Once a tab has been selected the menu gets replaced with the menu of tabs that have been set up for that particular

FIGURE 5.

This is the first window that will appear when the results are selected from the main menu.

The user will see this window if they want to look at another date or firewall.

The user can enter the date and firewall information that they want to look at. They could also choose to remove the other firewall elements available by checking certain different tabs across the top.

Please note that the SHADO will only appear if the user is doing the viewing from permission to do SQL type things. Any time the user changes the date, monthly, monthly summary radio buttons, they will be prompted to re-enter a date. If a monthly button is selected, they the date would only be year and month.

FIGURE 6

ॐ नमो भगवते वासुदेवाय
 श्रीकृष्णाय नमः
 श्रीकृष्णाय नमः
 श्रीकृष्णाय नमः

Metric Results - Firewalls		Firewalls:	Sum of all Firewalls	Userid Statistics	Header Main Menu
RESULTS (Row 1 - 5 of 25):					
Date	Metric1	Metric2	Metric3		
19990101	4567				
19990102	6543				
19990103	9999				
19990104	4567				
19990105	4567				

PAGES OF RESULTS: 1 2 3 4 5

FIGURE 7.

[illegible]


	Metric Results - Firewalls			
	Firewalls	Sum of all Firewalls	Used Statistics	Results Main Menu
List of Firewalls: Date or Range of Dates <input type="checkbox"/> Daily <input type="checkbox"/> Monthly <input type="checkbox"/> Monthly Summary <hr/> <input type="checkbox"/> Metrics <input checked="" type="checkbox"/> Keyword Results	RESULTS (Row 1 - 2 of 12): <div> KEYWORD p *casha.gr FOUND: <pre> Jan 19 13:56:54.281 open[171] http[155]: 121 Statistics: duration=0.37 id=b6b3 ee nt=430 req=102 src=Vpn4 src=47 12 162.113.106.33 src=www-braguel4.renateri.com dest=Vpn4 dst=204 101.251 305.80 dst=www1.synopsi.co.jp GET /api/this:for wrt synopsi.co.jp/cgi-bin/this:page/extension.gr?node=304U as local copy? pr otocol=2 </pre> </div> <div> KEYWORD q[a-x].gr FOUND: <pre> Jan 19 13:56:54.842 open[171] http[155]: 121 Statistics: duration=0.69 id=b6b3 ee nt=430 req=102 src=Vpn4 src=47 12 162.113.106.33 src=www-braguel4.renateri.com dest=Vpn4 dst=204 101.251 305.80 dst=www1.synopsi.co.jp GET /api/this:for wrt synopsi.co.jp/cgi-bin/this:page/extension.gr?node=304U as local copy? pr otocol=2 </pre> </div>			
<div>SUBMIT</div>	PAGES OF RESULTS: 1 2 3 4 5 6			

FIGURE 8


The month that was selected by the previous window appears on the left in the month or range of months field. The results on the right only appears once the submit button has been pressed.

Any change to the info on the left will clear the results and reset the SUBMIT button.

The last page could hold a total if helpful.

If there are more metrics than will appear on the screen, there will be a scrollbar.

This example shows what will be displayed for metrics.



Metric Results - Firewalls

Firewalls

Sum of all Firewalls

Userid Statistics

Results Main Menu

Monthly Summary of Firewalls

Month or Range of Months

☒ Metrics
☐ Keyword Results

SUBMIT

RESULTS (Row 1 - 5 of 15):


Month	Metric1	Metric2	Metric3
199901	4567			
199902	6543			
199903	9999			
199904	4567			
199905	4567			

PAGES OF RESULTS: 1 2 3

FIGURE 9

Once the user has selected a date, they must then select a firewall and user. The example on the right shows how the information will be displayed if the user chooses all firewalls and all users.

The results will show a line for each user for each date. The metrics displayed will be a sum for all firewalls.



Metric Results - Firewalls

Firewalls

Sum of all Firewalls

Userid Statistics

Results Main Menu

All Firewalls

All Users

Date or Range of Dates

☒ Daily
☐ Monthly
☐ Monthly Summary

☒ Metrics
☐ Keyword Results

SUBMIT

RESULTS - SUM FOR ALL FIREWALLS (Row 1 - 5 of 25):


Date	Userid	Metric1	Metric2
19990101	testuser1	4567		
	hdkeis	6543		
	sjkfdsl	9999		
	sdjklsl	4567		
19990102	testuser1	4567		

PAGES OF RESULTS: 1 2 3 4 5

FIGURE 10

Once a regular expression has been added, it cannot be changed however the text description and status can.

When adding a new expression, the status is set to ACTIVE



Configure Filters - Devices

Device List Search & Count Search & SUM Keywords Configure Menu


List of Device Types
List of Logfile Types

SEARCH FOR A PARTICULAR EXPRESSION AND COUNT THE NUMBER OF LINES WHERE THE TEXT WAS FOUND.

STATUS	REGULAR EXPRESSION	TEXT DESCRIPTION
ASH	telnet.*connection for	Number of Telnet Connections
ASH	Bp.*connection for	Number of FTP Connections
ASH	Bp.*file	Number of FTP File Transfers
A		
A		

Save Changes

FIGURE 11



Job Status - Alarms

Active Severity 1 Alarms Active Non-Sev 1 Alarms Acknowledged Alarms Main Menu

List of Device Types

ALARMXXX - FIREWALL XXXX IS DOWN
more information about the alarm

ACKNOWLEDGE: ☐

ALARMYYY - FIREWALL YYY NOTICED SOMETHING BAD
more information about the alarm

ACKNOWLEDGE: ☐

FIGURE 12

Logs Archived

On Line Logs Off Line Logs Main Menu

List of Device Types

Enter a date or a date range (format YYYYMMDD):

Single Date:

OR

Range: to

SUBMIT

FIGURE 13.

To add a new user, the user must have a valid

The entries in the device type list are taken from the device_type table.

The entries for the type of access are taken from the access_type table and are usually DBA, ANALYST.

More functions may be made if the user were able to see different device types. If they were able to see DBA for FIREWALL, an entry would be made and if they were able to see ANALYST for SPAM, a separate entry would be made.

Administration

Users Owners Log Collector Manager Misc Lists Main Menu

Userid:

User Name: Ext:

Device Type:

Type of Access:

Add the User

FIGURE 14.